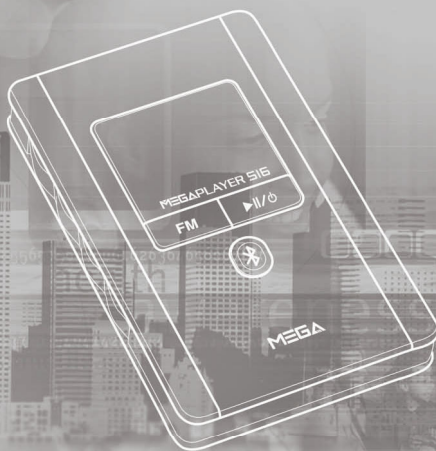




MSI
MICRO-STAR INTERNATIONAL

User's Guide



MP3 MEGA PLAYER S16

**Multi-function MP3 Player
with Bluetooth utility**



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Safety Instructions

1. Always read the safety instructions carefully.
2. Keep this User's Guide for future reference.
3. Keep this equipment away from humidity.
4. Never pour any liquid into the opening that could damage or cause electrical shock.
5. If any of the following situations arises, get the equipment checked by a service personnel:
 - Liquid has penetrated into the equipment.
 - The equipment has been exposed to moisture.
 - The equipment has not worked well or you can not get it work according to User's Guide.
 - The equipment has dropped and damaged.

Chapter 1. Introduction

Congratulations on becoming a new user of **MEGA PLAYER 516**. The new **MEGA PLAYER 516** will improve the convenience of storing your personal data and the enjoyment of using various audio functions. We are proud to tell our users that **MEGA PLAYER 516** is thoroughly tested and certified by our reputation for unsurpassed dependability and customer satisfaction.

MEGA PLAYER 516 is a high performance portable digital audio player which comes with a Li-ion rechargeable built-in battery. It enables users to play MP3 and WMA format audio files, listen to the **FM** radio broadcast, record voice/ FM Program/ Line-in/ Bluetooth phone voice into WAV format, and play it when needed. It is also a SD/ MMC card reader and portable USB storage device that enables users to manage personal data. In addition to the functions mentioned, you can make a phone call or answer an incoming call via **MEGA PLAYER 516** after pairing up with a Bluetooth phone.

Here are the main features of **MEGA PLAYER 516**:

- **Digital Audio Player** – supports MP3, WAV, and WMA format audio files high level playback.
- **FM Radio** – provides **FM** Radio function. Users are able to save ten favorite **FM** stations.
- **Bluetooth function** – support Bluetooth “Handsfree” function, users can benefit from the convenience of wireless Handsfree function.
- **Recording** – provides synchronous recording function for voice, FM Program, Line-in, and Bluetooth phone. Recorded files will be stored in WAV format.

- **SD/ MMC Card Reader** – supports SD/ MMC card, plug the card into slot to manage the files inside. The cards can also increase the memory capacity to store music and data.
- **Language Learning** – enables users to repeat particular section during normal playback. With this function, users will be able to pay attention on the repeated playback to learn language.
- **USB Flash Disk** – allows users to store data needed in **MEGA PLAYER 516** or into the plugged SD/ MMC card. (The capacity depends on the model you bought.)
- **Real Time Clock** – there is a Timer show on the screen which reminds the time, so that you would not miss any important moment of a day. (You have to set up the exact time first)
- **Changeable Startup logo** – allows users to edit, to convert, and to store personalized startup logos.
- **Screen Saver** – the **MEGA PLAYER 516** provides a screen saver program which runs up automatically after idling for few seconds to protect the OLED screen.

We sincerely thank you for choosing the **MEGA PLAYER 516**. We hope that you will continue to turn to us for quality products as your personal needs and interests grow.

How to Use This Guide

This User's Guide provides instructions and illustrations on how to install and operate your **MEGA PLAYER 516**. We assume that those users whose operating system is at least Windows 98 or 98SE are familiar with their OS, and be capable to follow the step-by-step instructions to install the driver of **MEGA PLAYER 516**. For users who are not able to manage the operating system properly, it is recommended to learn more about Microsoft Windows by referring to your Microsoft Windows manual and help documents before installing the provided driver.

Chapter 1, **Introduction**, tells you the description of all the accessories of **MEGA PLAYER 516**. Please check out if you have all the accessories included when you open the packing box. If any item is damaged or missing, please contact directly the vendor where you purchased **MEGA PLAYER 516**.

Chapter 2, **Getting Started**, introduces the function keys on **MEGA PLAYER 516**, the OLED Display status in different mode, and how to recharge the built-in Li-ion battery.

Chapter 3, **Driver and Utility Installation**, describes how to install **MEGA PLAYER 516** and the specially designed utility for your new **MEGA PLAYER 516**.

Chapter 4, **Basic Usage**, describes how to use **MEGA PLAYER 516** in various ways. It is recommended to read this chapter carefully before using **MEGA PLAYER 516**.






Chapter 5, **Advanced Usage**, it is strongly recommended to read this chapter before using the advanced features of **MEGA PLAYER 516**.

Appendix A, **Specification**, provides the specification and accessories of **MEGA PLAYER 516**.

Unpack¹

| | |
|---|---|
|  | <p>MEGA PLAYER 516 (Portable Digital Audio Player)</p> |
|  | <p>Ear-clip Type Earphone with microphone</p> |
|  | <p>Audio Cable</p> |
|  | <p>USB Extension Cable</p> |

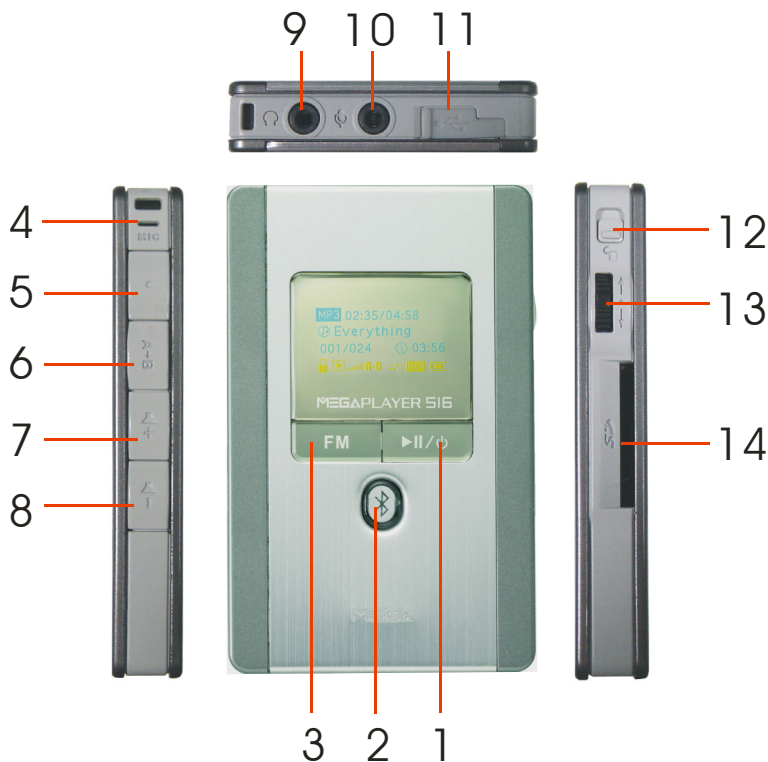
¹ The accessories that come with MEGA PLAYER 516 package may be different from those shown above.

| | |
|---|--------------------------|
|  | USB Connector |
|  | AC Adapter* (optional) |
|  | Leather Bag |
|  | Driver Disk |
|  | Quick Installation Guide |

** The Adapter should only be used on the MSI MEGA PLAYER 516!*

Chapter 2. Getting Started

Overview




1. Power On/Off

Press and hold to power on or power off the **MEGA PLAYER 516**.

Play/Pause

In music playback mode, press to play or to pause the playback. In FM mode, press to select the stored favorite stations one by one.

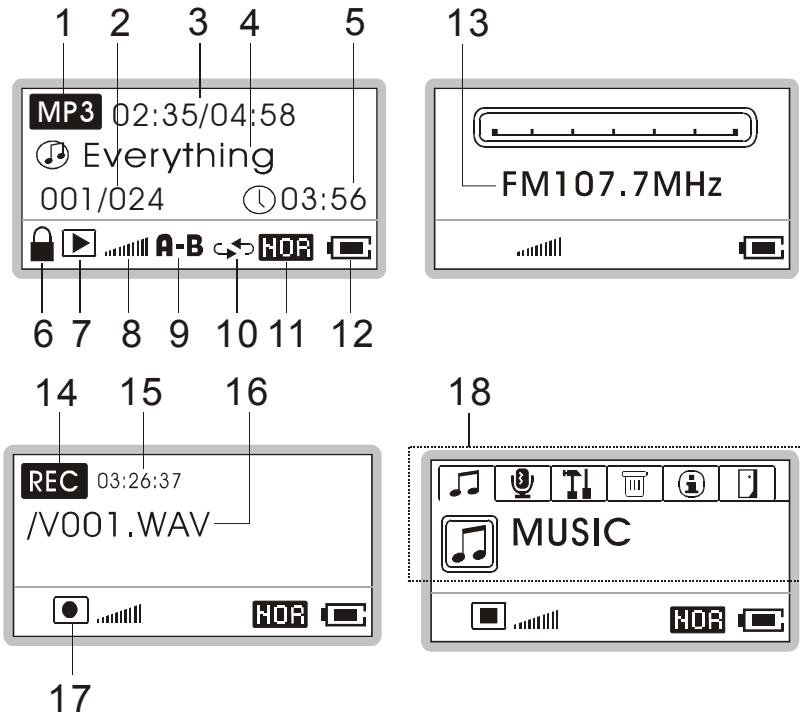
2. Bluetooth button 
3. FM

Press to enable Bluetooth module functions.

Press to select FM station mode.

- | | | |
|-----|-----------------------|---|
| 4. | MIC | Built-in Microphone. |
| 5. | REC[●] | Press to start or stop the FM or voice recording. |
| 6. | A->B | In music playback mode, press to enable the A to B repeat function. |
| 7. | Volume Up [▲+] | Press it to increase volume level. |
| 8. | Volume Down [▼-] | Press it to decrease the volume level. |
| 9. | Earphone Jack | Plug the supplied earphone here. |
| 10. | Line-in Jack | Plug the supplied Audio cable here, to connect external CD player or other audio devices. |
| 11. | USB Connector | Connect one end of the supplied USB extension cable here. |
| 12. | Hold Switch | Switch to hold position to prevent the button from being pushed inadvertently while recording or playing. |
| 13. | MENU button | Press the button and then push it up or down to make various adjustment in operation setting mode. |
| | Fast-Forward / Rewind | While playing a sound track, push down / up and hold the MENU button to do fast-forward or rewind; push up once can go to beginning of the playing sound track. |
| 14. | SD/ MMC Card Slot | Plug SD or MMC card to read and manage the files by computer, or to increase the memory capacity. |

OLED Display



Normal Playback Mode

1. Playback Status Indicates either MP3 music playback or WAV voice file playback.
2. Numbers of Files The first number tells the sequence of current playback file while the second one tells the total amount of playback files.
3. File Info The first timer shows the ongoing timer of the current playback file while the second one shows the total time of the file.
4. File Name Displays the current playing file name.

- | | |
|-----------------------|---|
| 5. Timer | Tells the current time. |
| 6. Hold (Lock) Switch | Indicates when the Hold function is enabled. |
| 7. Function Status | This icon differs when device is in stop mode, playback mode, pause mode, or record mode. |
| 8. Volume | Displays the volume status. |
| 9. A to B Repeat | Indicates when A to B section repeat function is enabled. |
| 10. Repeat Mode | Indicates the repeat mode. |
| 11. Equalizer | Indicates the EQ mode settings. |
| 12. Battery Status | Indicates the Battery Status. |

FM Mode

- | | |
|------------------|---|
| 13. FM Frequency | Indicates the FM Frequency that is being broadcasted. |
|------------------|---|

Record Mode

- | | |
|-------------------------|--|
| 14. Recording Status | Appears when device is in record mode. |
| 15. Recording Timer | Indicates the time length of current recording file. |
| 16. Recording File Name | Displays the current recording file name, and the recording file format is .WAV. |
| 17. Function Status | See item 7. |

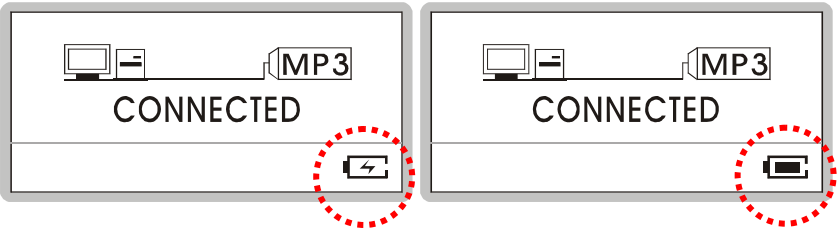
Operation Menu

- | | |
|--------------------|--|
| 18. Operation Menu | This icon shifts when device is in different Operation mode. |
|--------------------|--|

Li-ion Battery Recharging

MEGA PLAYER 516 comes with a Li-ion rechargeable battery. The Li-ion battery is capable to work up to 12 hours for audio playback and voice recording when the battery is fully charged every time. To use the device for the very first time, remember to charge the Li-ion battery. Follow the instructions below:

- 1. Open the rubber cap of **MEGA PLAYER 516** USB port, you will see a mini USB (B-type) port inside.
- 2. Plug one end of the USB cable to **MEGA PLAYER 516** USB port, the other end to the optional adapter, and plug it to AC power outlet. (If you don't have adapter in hand, connect the other end of the USB cable to computer.)
- 3. While recharging is on going, a lightning icon in the display will be shown as the screen left. The screen right means the recharging is done; the battery is full of power.



- 4. To stop recharging, disconnect USB cable from **MEGA PLAYER 516**.
Note: The built-in battery will also start recharging when MEGA PLAYER 516 is connected to the computer with the supplied USB cable.

Battery Consuming Reference



| Category of Battery | Playing/ Recording |
|---|--|
| Li-ion rechargeable 420mA/hr battery | Average 12 hours for playing or recording |

Note: Before using for the first time, charge the battery until it is filled!

Hold Switch

MEGA PLAYER 516 has a **Hold Switch**, located on side of device for preventing accidental operation while device is recording or playing. Once the Hold Switch is slide to the lock position, all function keys will be disabled.



Screen Saver

MEGA PLAYER 516 has a Screen Saver program protecting the OLED screen. After idling for a set period, the Screen Saver program will run automatically, there would be notes jumping in the display like the screens below. As the Hold Switch is not locked, press any button to go back to playback mode.



Chapter 3. Driver & Utility Installation

Connect MEGA PLAYER 516 to Computer

1. Open the rubber cap of **MEGA PLAYER 516** USB port, you will see a mini USB (B-type) port inside.

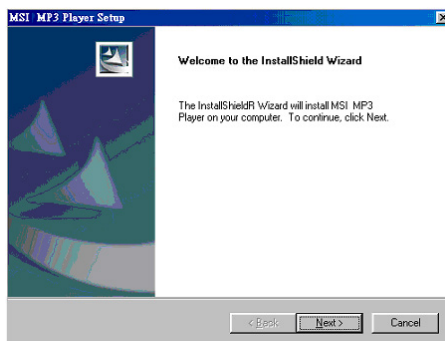


2. Plug one end of the supplied USB cable to **MEGA PLAYER 516**, and plug the other end to your computer.
3. Once **MEGA PLAYER 516** is connected to computer, it should be detected by the operating system automatically.

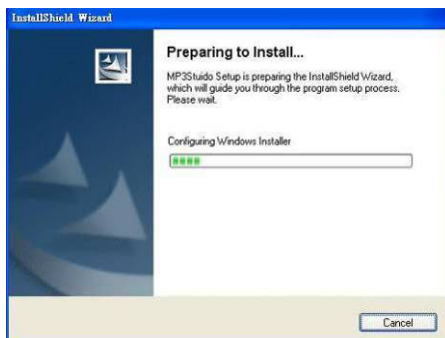
***Note:** If the operating system of your computer is Windows 98SE, a software driver for MEGA PLAYER 516 will be required. After connecting the device to a Windows 98SE operating system computer, the system will automatically detect the new device, and ask for a software driver to be installed. Place the supplied driver CD in the CD drive, and follow the on-screen instructions to complete the driver installation.*

Install Utilities

The supplied Driver CD includes a **MEGA PLAYER 516** specialized driver. It is recommended to install even if your operating system is Windows 2000 or XP. Then, your system can recognize and fully support this device. The driver program includes a utility for upgrading the latest firmware provided by MSI website. Simply insert the supplied disk into the CD drive, and then follow the on-screen instructions to complete the installation.



MEGA PLAYER 516 provides also a tool called **MP3Studio**. With the tool, you can play and manage MP3 files and design your own Startup Logo. Insert the supplied CD into CD drive, and follow the on-screen instructions to complete the installation. There will be a short-cut **MP3Studio** on the desktop.



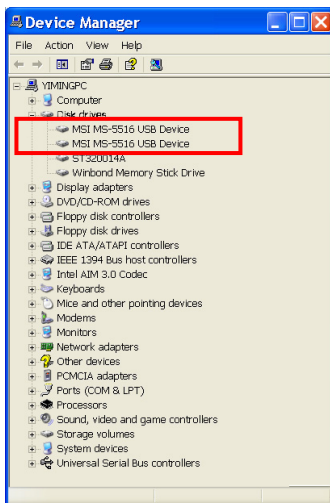
Using the Utilities

Once the driver is installed, you will be able update a new firmware or format your **MEGA PLAYER 516** with the Firmware Update utility.

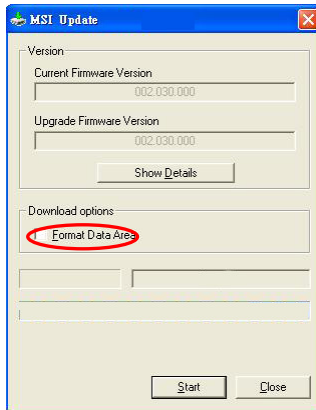
Firmware Updating

To update the firmware, download the latest firmware from MSI website first, and follow the instructions below:

1. Place the downloaded firmware under [Program files -> MSI -> MS-5516].
2. Connect **MEGA PLAYER 516** to computer with the supplied USB cable.
3. Go to [Device Manager] and look for a new drive named [MSI MS-5516 USB Device] to check the connection status. If the connection is failed, you will not find [MSI MS-5516 USB Device]. At this time, repeat step 2 to try to connect **MEGA PLAYER 516** to your computer until you can find two [MSI MS-5516 USB Device] in [Device Manager].



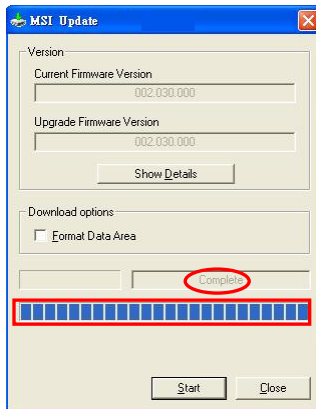
4. Select by [Start -> Programs -> MSI MS-5516 MP3 Player -> Update] to run the firmware update utility, you can see a dialog as below. Click on **Show Details** button to know the version of firmware.



5. Choose the update option: select **Format Data Area** if you want update the new firmware and format the **MEGA PLAYER 516**. Or deselect it to update the new firmware without formatting **MEGA PLAYER 516**.

Note: If you format the MEGA PLAYER 516 format, the data and files you stored inside will be erased!

6. Press **Start** button to start updating the firmware placed in the folder mentioned in step 1. When the *blue bar* fills the column and the blank above shows “**Complete**”, that means the update process is complete, and you can press the **Close** button to exit program.



Formatting MEGA PLAYER 516

To format the **MEGA PLAYER 516**, connect it to your computer with the supplied USB cable. Then you may format your **MEGA PLAYER 516** with the utility mentioned above or with the Windows format tool.

***Note:** Using the firmware update utility to format your MEGA PLAYER 516 can ensure the format quality.*

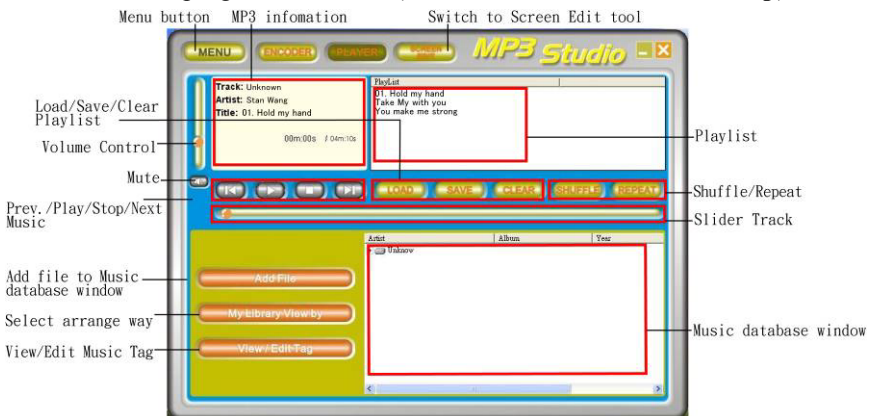
***Note:** If you format the MEGA PLAYER 516 format, the data and files you stored inside will be erased!*

MP3Studio

After installing the MP3Studio program, double click the MP3Studio icon. This will bring you to MP3 Studio or Screen Editor depending on the last operation (for the very first operation, that would be the MP3 Studio tool). By clicking on the buttons Player / Screen Edit, you can switch the tool you need.

Playing and managing MP3 files

The MP3 Studio program is similar to other MP3 playback programs. You can utilize it to play MP3 files, create playlist, and edit music tags. Refer to the help document in the program for details (click **Menu** button and select **Help**).



Editing Startup Logo

With the **Startup Logo** program, you can design personalized startup logos. The **Startup Logo** tool is like the Windows Paint. You can import an existing image or create a whole new logo on your own. Select the Line, Point, Eraser, Reverse, and Input text to edit in the Edit Area, and you can view the image instantly. Save the logo files to the \Logo\ folder of device, and you have more options for the startup logo. Refer to the help document in the program for more information (click the **Menu** button and select **Help**).



Note: after connecting the **MEGA PLAYER 516** to your computer, and view the drive with Windows Explorer. You may find ten default startup logo files (.mlg) under the Logo folder. And you can edit/ add more logos to the folder by the Screen Editor to have more startup logo options. Note that there can be at most twenty logos. If you deleted all the files in the folder, the default MSI logo will be shown on the screen when you power on the **MEGA PLAYER 516**. In that case, you would not be able to change the startup logo.

Note: do not change the default folders in the **MEGA PLAYER 516**, or the device might function abnormally.

Chapter 4. Basic Usage

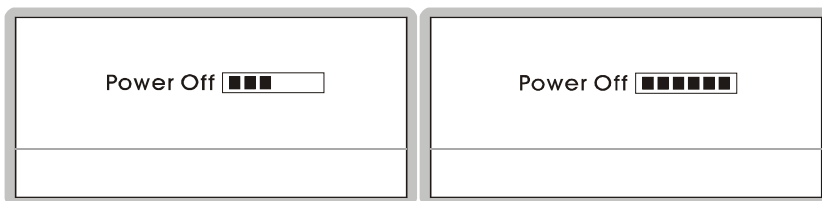
Power On and Off

1. Press the ► || / ⏻ button once to turn the power on. When **MEGA PLAYER 516** is powered on, a power on icon as below-right and startup logo will be shown on the display.



Note: If you locked the Hold Switch before powering on, you would see “ⓁOCKED” message display on the display, and the device will shut down automatically.

2. To power off your **MEGA PLAYER 516**, press and hold the ► || / ⏻ button until power off. While pressing the ► || / ⏻ button to power off, you will see a **Power Off Status Bar** appearing on the display to indicate the Power Off status, and it takes about five seconds to turn the power off.

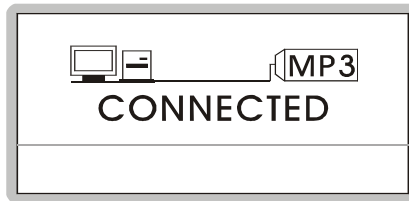


Editing Sound Tracks (Files)

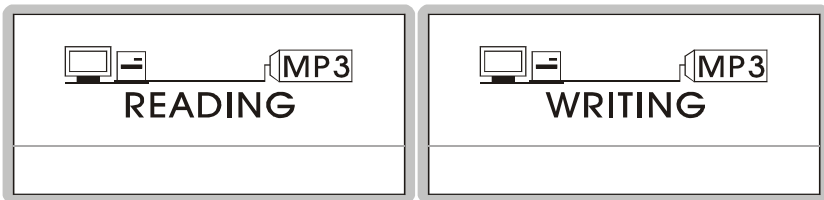
1. Press the ► || ⏻ button to power on **MEGA PLAYER 516**. If there is no sound track stored, you will read a message shown as below on the screen.



2. Connect **MEGA PLAYER 516** to computer with the supplied USB cable.
3. Once **MEGA PLAYER 516** is connected to computer, you will see the screen shown as below. The icon will move to protect the OLED.



4. Select desired files from computer with Windows Explorer, and copy them to **MEGA PLAYER 516** root directory. While reading and writing to the drive, the screens will show as below.



Note: Disconnecting MEGA PLAYER 516 while transferring might cause file corruption or system failure!!

5. You can add, delete, or edit a folder to **MEGA PLAYER 516** as what you would normally do to hard drives.

Music Playback

Normal Playback

1. Press the ► || / ⏻ button to play the current selected file.



2. During playback, press the ► || / ⏻ button again to pause the playback.

Select the Next or Previous Track (File)

1. During playback, push the **Menu** button down once to play next track.



2. Or, push the **Menu** button up once to get back to the previous track.

Fast-Forward or Rewind

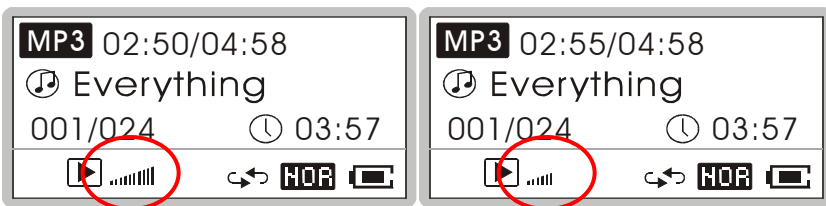
1. During playback, push **Menu** button down and hold the position to fast-forward the current track.
2. Push **Menu** button up and hold the position to rewind the current track.

Volume Adjustment

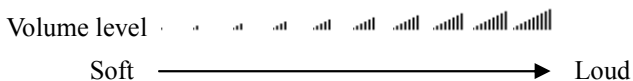
1. Push the **▲+ / ▼-** button to increase / decrease the volume level.



2. You may check the display to see the Volume status.



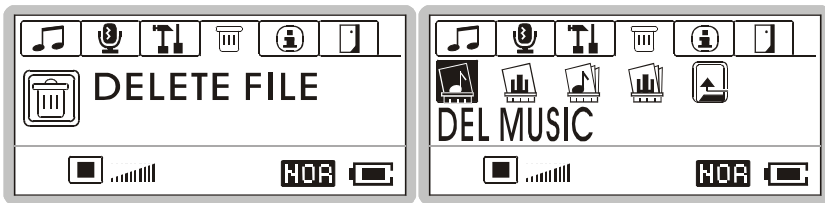
Volume Status



Delete a Track (File)

MEGA PLAYER 516 allows users to delete music files stored in the device when the **MEGA PLAYER 516** is not connected to computer. Follow the steps below to delete music files when you need to:

1. Press the **Menu** button once, and push the **Menu** button up or down to select **DELETE FILE**. Press the **Menu** button again to enter **DELETE FILE** submenu.
2. Push the **Menu** button up or down to select **DEL MUSIC**, and press the **Menu** button again to select **DEL MUSIC**.



3. All of the music files stored in the **MEGA PLAYER 516** will display by sequence with a message “**DELETE? Y/N EXIT**” on the display. Push the **Menu** button up or down to select **Y** to delete file shown on the display/ select **N** to go next file/ select **EXIT** to leave current screen. Press **Menu** button again to confirm your decision.



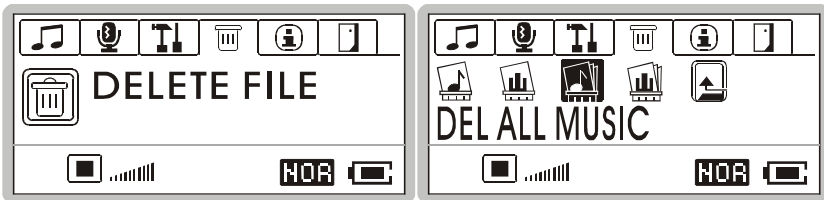
Note: you can also easily use Windows Explorer to manage or delete music files.

Delete All Tracks (Files)

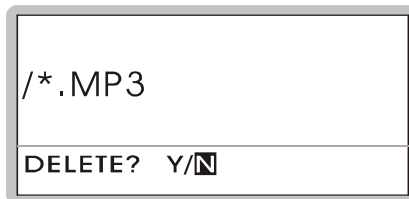
MEGA PLAYER 516 also allows users to delete all music files at a time by several buttons when the **MEGA PLAYER 516** is not connected to computer.

Follow the steps below to delete all music files:

1. Press the **Menu** button once, and push it up or down to select **DELETE FILE**. Press the **Menu** button again to enter **DELETE FILE** submenu.
2. Now, push the **Menu** button up or down to select **DEL ALL MUSIC**, and press the **Menu** button again to select **DEL ALL MUSIC**.



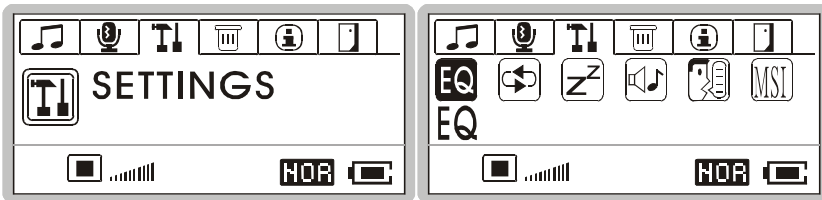
3. Push the **Menu** button up or down to select **Y** to delete all music files if you are sure about it, or select **N** to leave the current screen. Note that it may take several seconds to delete all of the files.



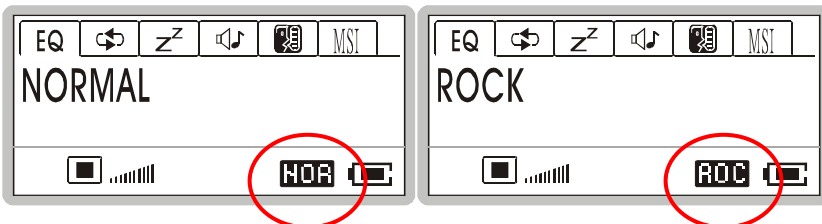
EQ Settings

MEGA PLAYER 516 provides various **EQ** modes, such as **JAZZ**, **ROCK**, **CLASSICAL**, and **POP**, for users to choose to increase the enjoyment of listening to music, and to meet the personal needs or habit.

1. Press the **Menu** button once, and push it up or down to select **SETTINGS**. Press the **Menu** button again to enter **SETTINGS** submenu.
2. Push the **Menu** button up or down to select **EQ**. Press the **Menu** button to select **EQ**.



3. Now push the **Menu** button up or down to choose the desired **EQ** mode between **NORMAL**, **ROCK**, **JAZZ**, **CLASSICAL**, and **POP**. The default **EQ** setting is **NORMAL** mode.
4. Once a desired **EQ** mode is selected, press the **Menu** button once, and you should see the indicator of each different **EQ** mode appears on the bottom of the display.

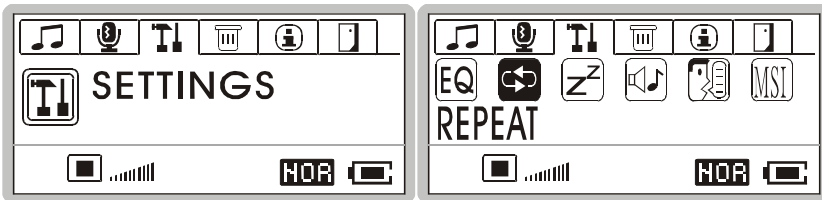


*Note: **NOR**: Normal mode, **JAZ**: Jazz mode, **POP**: POP mode, **ROC**: Rock mode, **CLA**: Classical mode.*

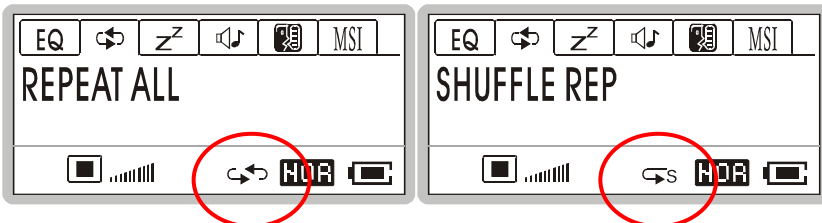
Repeat Settings

MEGA PLAYER 516 allows users to select a desired playback setting between **NORMAL**, **REPEAT ONE**, **REPEAT ALL**, **SHUFFLE**, and **SHUFFLE REP** to meet the personal needs or habit.

1. Press the **Menu** button once, and push the **Menu** button up or down to enter **SETTINGS**.
2. Press the **Menu** button again, and push the **Menu** button up or down to select **REPEAT**.



3. Press the **Menu** button, and now push the **Menu** button up or down to select **REPEAT** mode between **NORMAL**, **REPEAT ONE**, **REPEAT ALL**, **SHUFFLE**, or **SHUFFLE REP** as you want.
4. Once a desired **REPEAT** mode is selected, press the **Menu** button once, and you should see the indicator of each different **REPEAT** mode appears on the bottom of the Display.



Note: ↺1: Repeat One, ↺: Repeat All, S: Shuffle, ↺S: Shuffle repeat.

FM Radio Mode

When FM Radio Mode is selected for the very first time, **MEGA PLAYER 516** will auto-search and store the ten stations searched as the preset favorite stations.

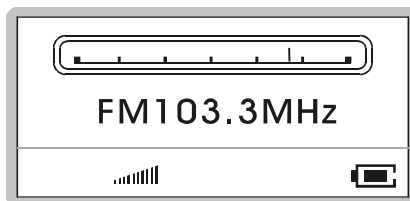
Switch to FM Radio

1. Press the **FM** button for about one second to select FM Mode. And you will read the radio frequency shown on the screen.



Select FM Station

1. Once the FM Radio Mode is selected, use the **Menu** button by pushing it up or down to go to the desired station.
2. While searching for the desired station, you will see the frequency appearing on the display.

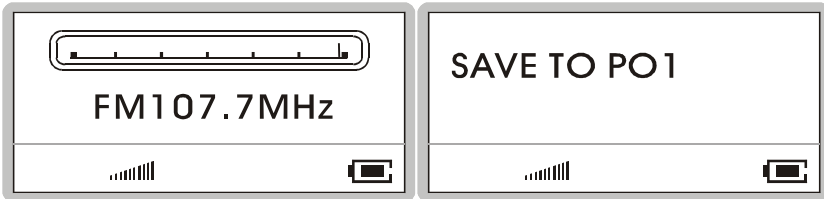


Store a Favorite Station

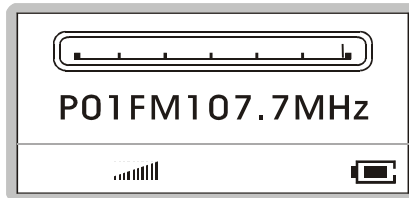
With this favorite station memory function, you will be able to store ten favorite stations named from P01 to P10 into the memory of **MEGA PLAYER 516**.

Follow the steps below to store favorite stations:

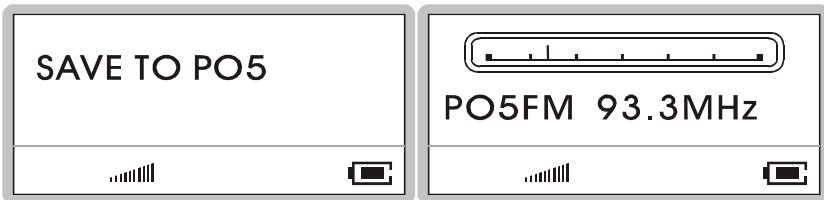
1. To store a favorite station, select a desired frequency by **Menu** button first.



2. Press the **Menu** button once, and you should see the message **SAVE TO P01** appears on the display.
3. Push the **Menu** button up or down to select a desired station number between P01 to P10.
4. Press the **Menu** button again to confirm saving the selected frequency to the selected favorite station number.

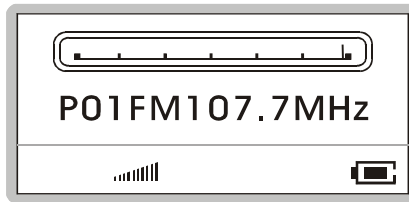


5. To set another favorite station, repeat step 1 to 4.



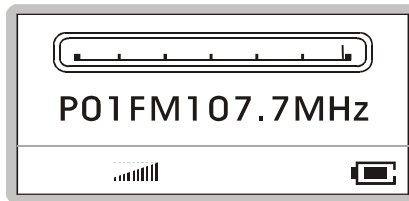
Select the Stored Favorite Station

1. Press the ► || / ⏻ or **A-B** button to select stored favorite station.



Record Radio Broadcast

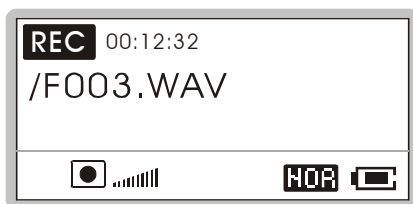
1. Select a desired station frequency.



2. Press the **REC[•]** button once.



3. Once the **REC[•]** button is pressed, the selected station frequency will start to be recorded. On the display, users should see that a recording FM voice file is generated and placed under the folder named [**\FM**]. The recording file name sequence starts from [**F001. WAV**], [**F002. WAV**], and so forth.



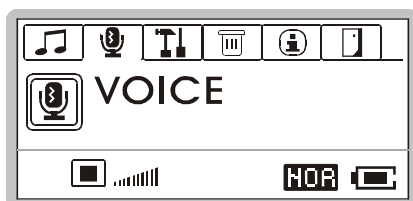
4. To stop recording, press the **REC**[•] button again or the **Menu** button.

Note: The maximum length of the recording depends on how much available memory space is left while recording.

Note: The maximum files can be stored in FM category is 63.

Play a Recorded FM Voice File

1. To play a recorded FM voice file, first you must make sure that you are in the Playback mode. Press the **Menu** button once, and then push the **Menu** button up or down to select **VOICE**.

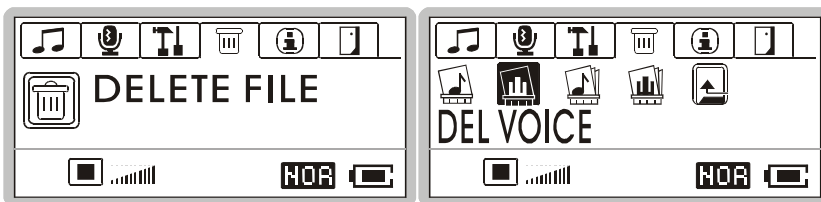


2. Press the **Menu** button again, and then use the **Menu** button to select a desired recorded FM voice file by pushing the **Menu** button up or down.
3. Once the desired voice file is selected, press the **▶ || ⏻** button to start playing the file.

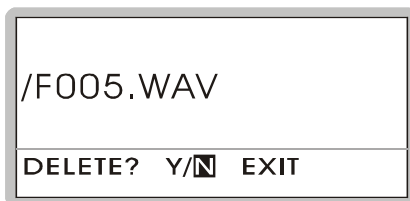
Note: all the recorded FM files will be displayed by sequence.

Delete a Recorded FM/ Voice File

1. Press the **Menu** button, then push it up or down to select **DELETE FILE**.
2. Press the **Menu** button once and push it up or down to select **DEL VOICE**. Press the **Menu** button again to enter the submenu of **DEL VOICE**.

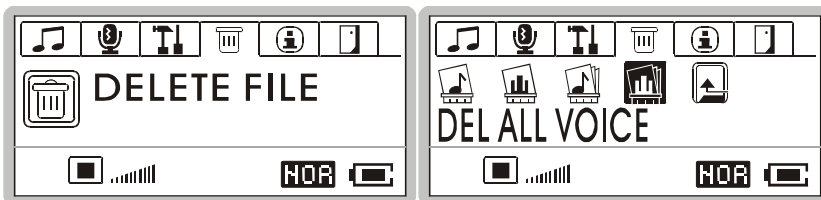


3. All of the recorded files will be displayed by sequence. Push the **Menu** button up or down to select **Y** to delete the file shown on the display, or select **N** to skip to next file, or select **EXIT** to leave.

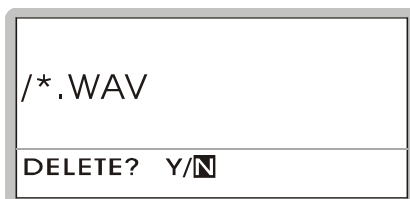


Delete All FM/ Voice Files

1. Press the **Menu** button, and push it up or down to select **DELETE FILE**.
2. Press the **Menu** button to enter **DELETE FILE** submenu. Push it up or down to select **DEL ALL VOICE**, and press the **Menu** button again.



3. Push the **Menu** button up or down to select **Y** to delete all music files or select **N** to leave the current screen. Note that it may take several seconds to delete all of the FM/ voice files. When the deletion is done, a "File Deleted" message will show on the screen.



Switch between FM and Playback mode

Switch to FM mode

Except in the Delete File Menu, you can press **FM** button for one second and go to the FM mode.



Switch from FM mode to previous mode

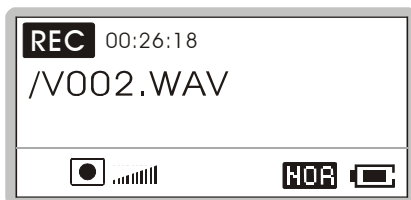
Press **FM** button once to leave FM mode.

Voice Recording

MEGA PLAYER 516 also works as a synchronizing recorder. You can use it to record your own voice, an interview or a speech, and so on.

Voice Recording

1. Besides in FM mode, press **REC[•]** button to start voice recording.
2. A recording file will be generated and placed under **[VOICE\]** folder. The file name starts from **[V001. WAV]**, **[V002. WAV]**, and so forth.



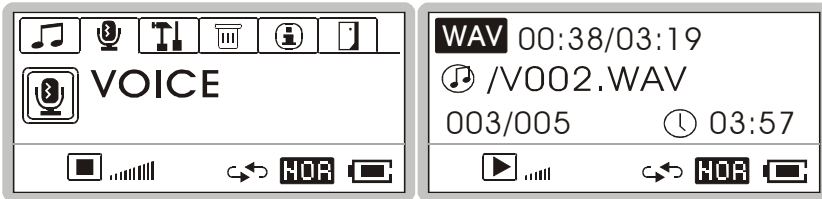
3. To stop recording, simply press the **REC[•]** button or Menu button.

***Note:** The maximum length of the recording depends on how much available memory space is left while recording.*

***Note:** The maximum files can be stored in VOICE category is 63.*

Play a Recorded Voice File

1. To play a recorded voice file, press the **Menu** button once, and then push the **Menu** button up or down to select **VOICE**.
2. Press the **Menu** button again, and use the **Menu** button to select a desired recorded voice file by pushing the **Menu** button up or down.

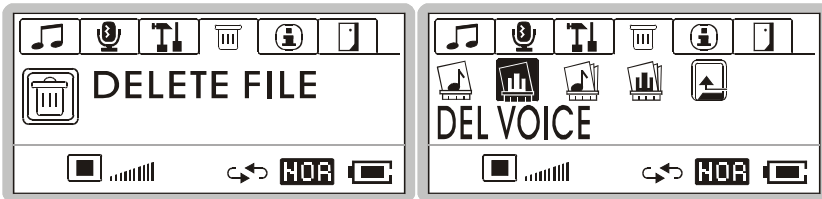


3. Once the desired voice file is selected, press the **▶ || / ⏻** button to start playing the file.

Note: all the recorded voice files will be displayed by sequence.

Delete a Recorded Voice File

1. To delete a recorded voice file, press the **Menu** button once, and then push the **Menu** button up or down to select **DELETE FILE**.
2. Press the **Menu** button, push the **Menu** button down to select **DEL VOICE**. Press the **Menu** button again to enter the submenu of **DEL VOICE**.



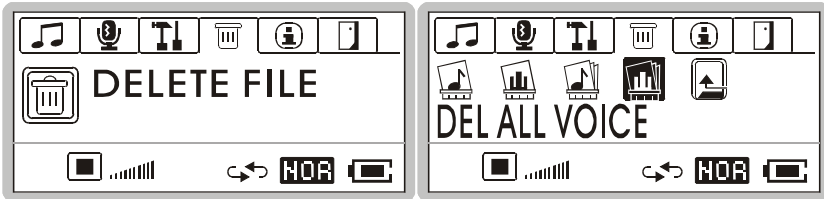
3. All of the recorded voice files will be displayed by sequence, press the **◀+** or **◀-** button up or down to select a file which is no longer needed. Push the **Menu** button up or down to select **Y** to delete the file shown on Display/ select **N** to skip to the next file/ select **EXIT** to leave current screen.



Note: you can easily use Windows Explorer to manage/ delete recorded files.

Delete All recorded Voice/ FM Files

1. To delete a recorded voice/ FM file, press the **Menu** button once, and push the **Menu** button up or down to select **DELETE FILE**.
2. Press **Menu** button again to enter **DELETE FILE**. Push **Menu** button up or down to select **DEL ALL VOICE**, and press **Menu** button again.



3. Push the **Menu** button up or down to select **Y** to delete all recorded voice/ FM files, or select **N** to leave the current screen. Note that it may take several seconds to delete all of the voice files.



Language Learning Function

MEGA PLAYER 516 enables users to listen to a particular section playback repeatedly during music or voice playback. With this function, users will be able to pay attention to the repeated section.

1. During music playback, find the starting point of the repeating playback to set, and press **A-B** button. You will see the **A-** appears.



2. Find the terminal point of the repeating playback to set, and press **A-B** button again. At this moment you will see the **A-B** indicator appears on the screen. This means you have set the repeating playback successfully.



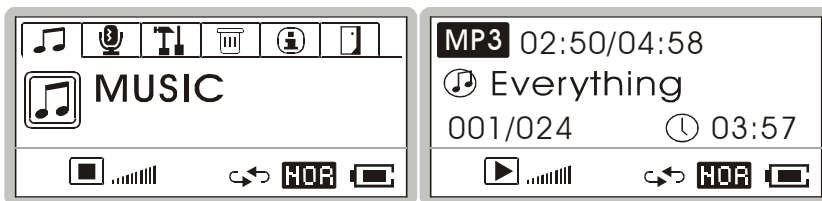
3. Once the **A-B** indicator appears on the screen, you will hear the repeating playback that you set previously.
4. To cancel the repeating playback and return to normal playback, press the **A->B** button, the **A-B** indicator will disappear from the display.

Operation Menus

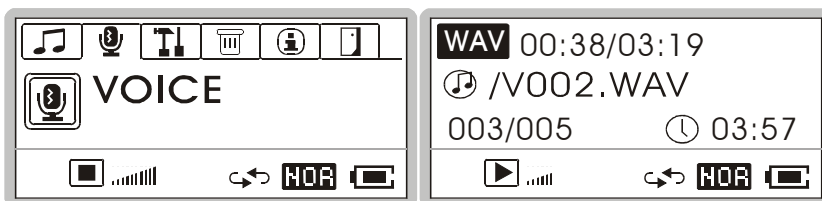
MEGA PLAYER 516 provides a **5-way Menu button** which lets you switch between Music Playback, FM Radio or Recording mode, EQ setting or any other setting.

| Operation Menus | | |
|-----------------|---------------|---|
| MUSIC | | File names |
| VOICE | | File names |
| SETTINGS | EQ | NORMAL/ ROCK/ JAZZ/ CLASSICAL/ POP |
| | REPEAT | NORMAL/ REPEAT ONE/ REPEAT ALL/ SHUFFLE/ SHUFFLE REP |
| | POWER OFF | DISABLE/ 1 MIN/ 2 MINS/ 5 MINS/10 MINS |
| | RECORD RATE | STANDARD/BETTER/BEST |
| | LANGUAGE | Supports up to more than 10 languages (may vary from country to country). |
| | STARTUP LOGO | Startup logo files (.mlg) |
| | TIMER | Set your current local time here |
| | SCREEN SAVER | Set the period to turn on the screen saver. 30 SECS/ 1 MIN/ 2 MINS/ 5 MINS |
| | EXIT | Exit to the main menu |
| DELETE FILE | DEL MUSIC | Delete a Music file (.mp3) |
| | DEL VOICE | Delete a Voice/ FM recorded file (.wav) |
| | DEL ALL MUSIC | Delete all Music files |
| | DEL ALL VOICE | Delete all Voice or FM radio recording files |
| | EXIT | Exit to the main menu |
| ABOUT | | Shows Firmware Version and Memory Capacity |
| EXIT | | Exit to the playback mode |

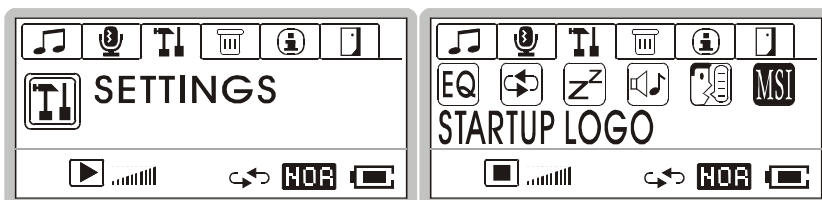
1. Press the **Menu** button once, and push the **Menu** button up or down to select the desired function.
2. Select **MUSIC** and press the **Menu** button to enter music playback mode.



3. Select **VOICE** and press the **Menu** button to enter voice playback mode.

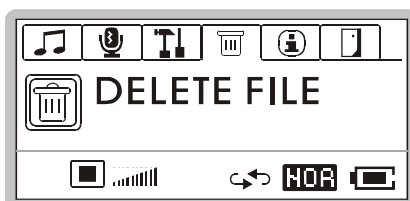


4. Select **SETTINGS** and press the **Menu** button to enter Setting mode. In **SETTINGS** mode, you are able to make adjustment for various functions.



Note: adjustment for all items under the setting menu can be made during music playback or when music playback is stopped.

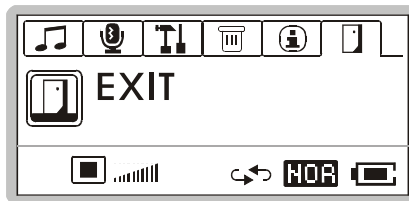
5. Select **DELETE FILE** and press the **Menu** button to delete music or voice.



6. Select **ABOUT** to read the **MEGA PLAYER 516** information, including the firmware version, total memory (SD/MMC card + memory), and free memory (SD/MMC card + memory).



7. Select **EXIT** to return to Music Playback mode.

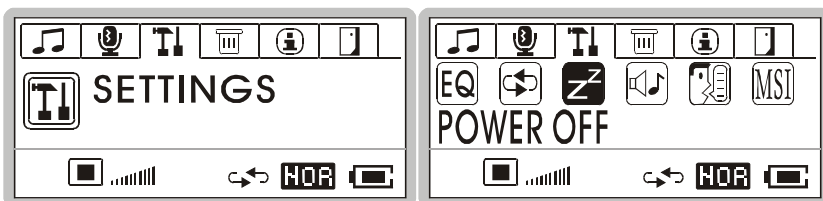


Other Settings

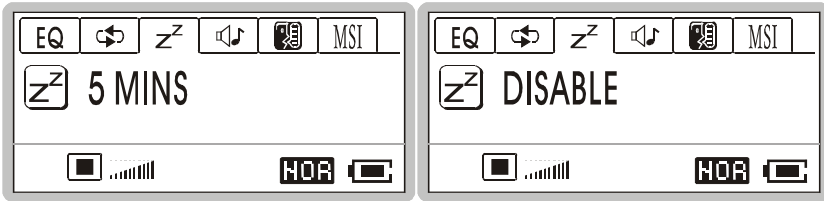
Power Off

User can set a timer under Power Off setting to turn off the **MEGA PLAYER 516** automatically when **MEGA PLAYER 516** is not playing or recording for a certain time.

1. Press **Menu** button, push it up or down to select **SETTINGS**.
2. Press the **Menu** button again, and push the **Menu** button up or down to select **POWER OFF**.



3. Push the **Menu** button up or down to select a timer to turn off the **MEGA PLAYER 516** when it is idle for a certain period. If **DISABLE** is selected, **MEGA PLAYER 516** will always stay on until you turn it off.

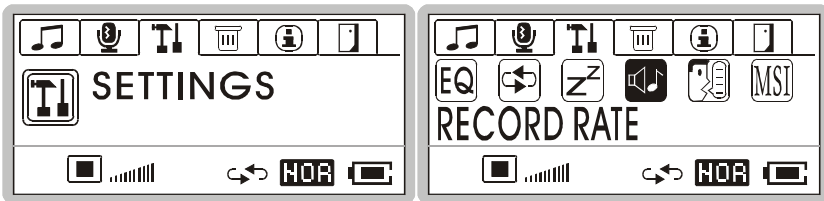


4. When a selection is decided, press the Menu button again to confirm the selection, and the screen will go back to its previous status.

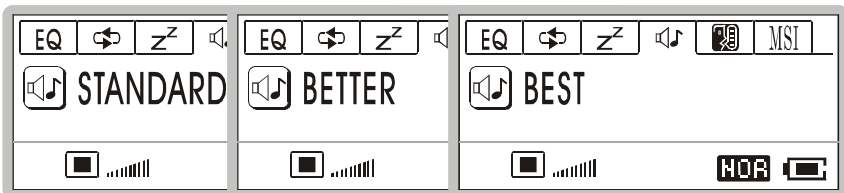
Record Rate

Under the **Record Rate** setting, you are able to set the record rate. Note that the better record rate is selected, the bigger size the recording file will be.

1. Press the **Menu** button, and push it up or down to select **SETTINGS**.
2. Press **Menu** button again; push it up or down to select **RECORD RATE**.



3. Push the **Menu** button up or down to select a proper Record Rate between **STANDARD**, **BETTER**, and **BEST**.

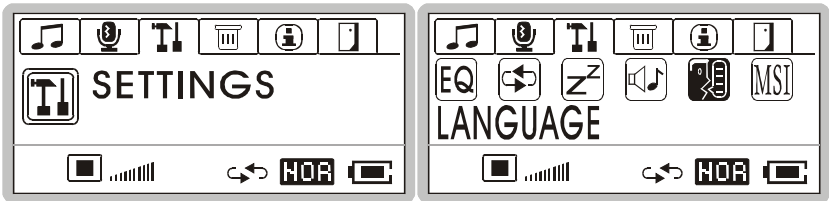


4. When a selection is decided, press the **Menu** button once to confirm.

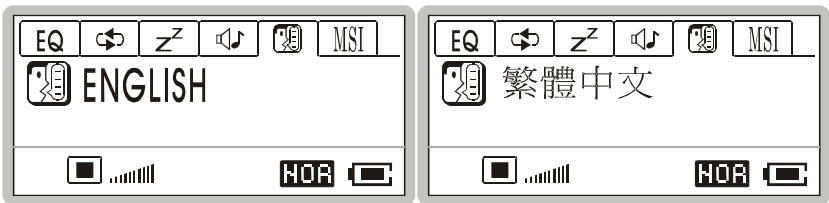
Language

You are able to select the language of the **MEGA PLAYER 516** interface.

1. Press **Menu** button once, and push it up or down to select **SETTINGS**.
2. Press the **Menu** button again, push it up or down to select **LANGUAGE**.



3. Now push the **Menu** button up or down to select a desired language of the interface. Press the **Menu** button once to confirm

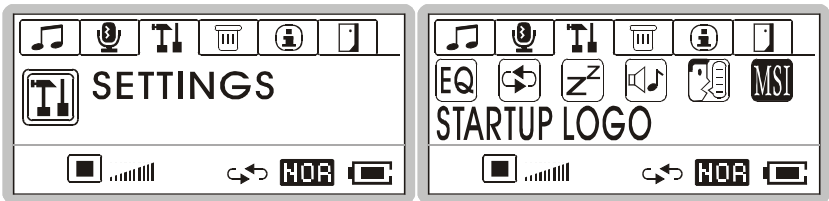


Note: MEGA PLAYER 516 supports up to 10 different languages, however, the supported languages may vary from country to country.

Startup Logo

You are able to select a desired graphic as the startup logo.

1. Press **Menu** button once, and push it up or down to select **SETTINGS**.
2. Press **Menu** button again; push it up or down to select **STARTUP LOGO**.



3. Push the **Menu** button to select a startup graphic to be the **START LOGO**.



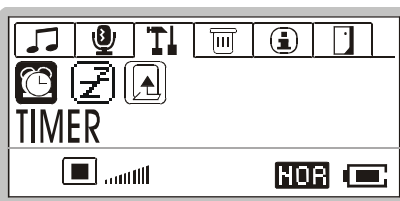
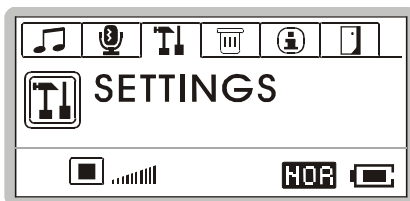
4. Once the desired graphic appears on the screen, press the **Menu** button to confirm selection, the screen will go back to its previous status.

Note: connect MEGA PLAYER 516 to the computer, you may find Startup Logo files (.mlg) under Logo folder. If you deleted all those files, you will not be able to change STARTUP LOGO. The default MSI logo will be shown on the screen when you power on the MEGA PLAYER 516.

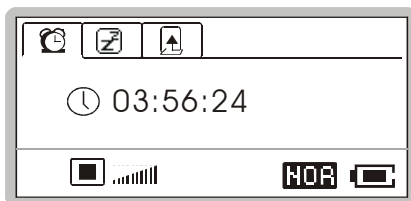
Real Time Clock

Under this **Timer** setting, set your local time to turn **MEGA PLAYER 516** as personal time reminder.

1. Press the **Menu** button, and push it up or down to select **SETTINGS**.
2. Press the **Menu** button again, and push the **Menu** button to select **TIMER**.



3. Push **Menu** button up repeatedly to adjust hour digits, push the **Menu** button down to adjust minute, and press **A-B** button to adjust second.

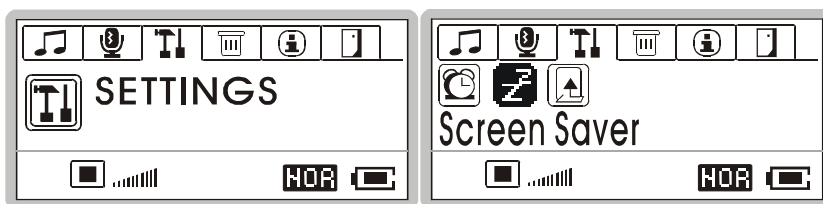


4. Once the correct time is set, press the **Menu** button to confirm your adjustment, and the screen will go back to its previous status.

Screen Saver

Under this **Screen Saver** setting, you are able to set the period you want to turn on the screen saver.

1. Press the **Menu** button, and push the **Menu** button up or down to select **SETTINGS**.
2. Press the **Menu** button again, and push the **Menu** button up or down to select **Screen Saver**.



3. Press the **Menu** button again, select the options of time to run screen saver between: 30 seconds, 1 minute, 2 minutes, and 5 minutes.

USB Flash Disk

Users are able to save personal data in various formats to **MEGA PLAYER 516** memory and SD/ MMC card inserted to the card slot. You can consider **MEGA PLAYER 516** as another portable hard disk. To save data to **MEGA PLAYER 516**, simply connect it to computer, and use **Windows Explorer** to manage your data.

Chapter 5. Advanced Usage

Bluetooth Functions

The **MEGA PLAYER 516** is a revolutionary product. It includes a Bluetooth module to enable the Bluetooth function. The Bluetooth function can be utilized with your Bluetooth cellular phone after pairing up.

Press and hold the Bluetooth button, the function will rotate in the modes between: Voice call, Pairing Mode, Return to Music, and Bluetooth Off. Release the button to execute the function showing on the display.

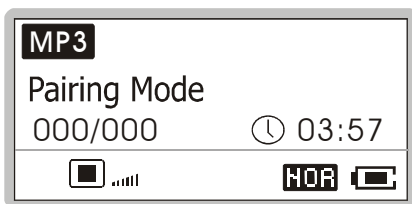


- **Voice Call:** Use your voice to dial a preset phone number in Bluetooth cellular phone.
- **Pairing Mode:** Make **MEGA PLAYER 516** into a discoverable mode to let Bluetooth cellular phone pair with it. It is necessary to pair a cellular phone with **MEGA PLAYER 516** to make wireless earphone enable.
- **Call transfer:** Switch the voice between your Bluetooth mobile phone and the **MEGA PLAYER 516**, available only when having a call.
- **Return to Music:** Leave Bluetooth mode and return to previous status.
- **Bluetooth Off/ On:** set **Bluetooth Off** to disable Bluetooth function to reduce battery consumption **Bluetooth On** option shows only when it is in off mode.

Pairing mode

Pairing mode is the first step to do before operating the Bluetooth function of the **MEGA PLAYER 516**. You can connect the **MEGA PLAYER 516** to a Bluetooth phone supporting the *Headset* or the *Handsfree* profile. Pair the **MEGA PLAYER 516** with the phone by adding it into a list of paired devices in the phone. Follow the steps below:

1. Press the ► || / ⏻ button to power on **MEGA PLAYER 516** if it is off.
2. Make sure the **MEGA PLAYER 516** is within 10m of the phone.
3. Press and hold the **Bluetooth** button, release when **PAIRING MODE** text is shown on the display. The button will shine in orange light when the device is in pairing mode.



4. Operate by the user's manual of Bluetooth cellular phone to pair **MEGA PLAYER 516** and Bluetooth phone. Enable and complete the pairing procedures in 2 minutes, or **MEGA PLAYER 516** will return to its previous status.

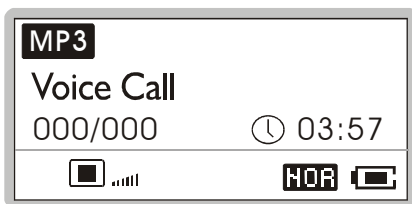
Note: *after pairing up, your phone and MEGA PLAYER 516 are ready to be linked. Some mobile phones require connecting MEGA PLAYER 516 to make its Bluetooth function useable, for example, Nokia series and some Symbian OS phones. Please refer to Mobile Phone Support List page to get more details.*

Note: *after entering the pairing mode, you can go back to music playback mode. Read "Return to Music" section for details.*

Voice Call

Pair up first the **MEGA PLAYER 516** and your Bluetooth cellular phone. If there are some phone numbers attached with voice tag in Bluetooth cellular phone, you can do Voice Dialing by **MEGA PLAYER 516**. Follow the steps below:

1. Make sure that your **MEGA PLAYER 516** and Bluetooth phone are connected and within range of each other (about 10m outdoor, 5m indoor). Prepare your Bluetooth phone according to the phone's user documentation on pairing.
2. Press and hold the **Bluetooth** button, release when **VOICE CALL** Text is shown on the display.



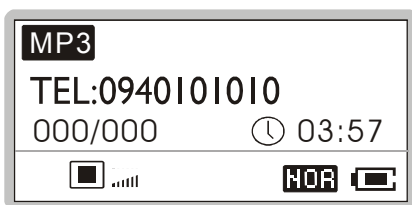
3. Put on the **MEGA PLAYER 516** earphone and perform the voice dialing as you would normally do on your Bluetooth phone, after hearing a beep sound.
4. Soon you will hear the ringing tone. After the receiver pick up the phone, you can talk to him/her by the **MEGA PLAYER 516** earphone.
5. Press the Bluetooth button again during making a phone will end the call.

Note: if you meet any problems and need to power down the MEGA PLAYER 516 during Bluetooth mode, press and hold the ► ||/⏻ button for about 3 seconds to turn off the device.

Answer a Call

Once you pair up the **MEGA PLAYER 516** to your Bluetooth phone and get them connected, you are allowed to answer an incoming call with the **MEGA PLAYER 516** without holding your Bluetooth cellular phone. Follow the steps below:

1. No matter which mode you are in, if there is an incoming call, the **MEGA PLAYER 516** will switch the status into Bluetooth mode (the playing or recording action will be paused).
2. You will hear ringing tone as you would hear on the Bluetooth phone, and the display will show the caller number if it is available.



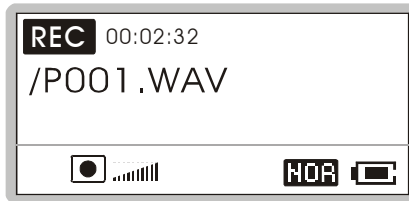
3. When the phone rings, press the Bluetooth button once to answer the phone call. If you want to reject an incoming call, press and Hold the Bluetooth button more than 3 seconds.
4. If you want to end the phone, press the Bluetooth button once.

Note: If the phone call has been recorded, the device will go to VOICE MODE after the call is hung up. If you were listening to MP3/ WAV file before answering the phone call, you can continually listening to the file after handing up the phone. If you were in SETUP MENU, the device will go to MP3 MODE.

Record the Dialog

Whether you are making or answering a phone call, you are able to have the dialog record into WAV file.

1. While making a phone call, press the **REC[•]** button to start recording the current phone conversation. The files will be named from [P001. WAV], [P002. WAV], and so forth, and be stored in the [PHONE\] directory.



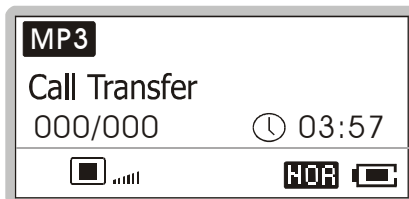
2. Press the **REC[•]** or the **Menu** button to end the conversation recording.

Note: The maximum length of the recording depends on how much available memory space is left while recording.

Note: The maximum files can be stored in PHONE category is 63.

Call Transfer

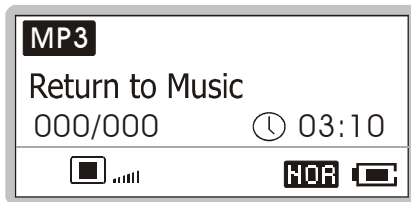
After pairing up, you can call and answer a phone by **MEGA PLAYER 516**. In some cases, you might want to operate the phone instead. With **Call Transfer** function, you can switch the ongoing call between Bluetooth phone and **MEGA PLAYER 516**. Just press and hold the Bluetooth button, release when **Call Transfer** message shows to switch from one side to the other.



Note: Some phones will disconnect Bluetooth link after Call Transfer operation. If you want to transfer your call back to MEGA PLAYER 516, you need to use Voice Call function to do it.

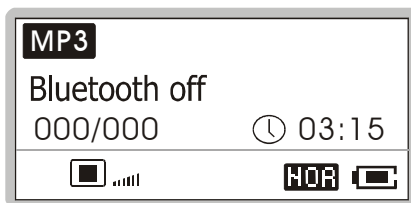
Return to Music

To quit Bluetooth menu and return to music playback mode, you can use this function. Press and hold the Bluetooth button, release when **Return to Music** text appears on the screen. Then you can continue to operate the playback or record function.



Bluetooth off

By this option, you can turn off the Bluetooth mode, which will cost less battery consumption. Press and hold the Bluetooth button, release when **Bluetooth off** text appears on the screen. If you need to enable the Bluetooth button, just press and hold the Bluetooth button and release when **Bluetooth On** message appears on the screen.



Note: after turning off the Bluetooth function, you will see two options: “Bluetooth on” and “Return to Music” rotate on the display when you press and hold the Bluetooth button.

LED Light of Bluetooth Button

Under the Bluetooth button, the LED light flashes and will tell the different modes of the device. You can read the different colors and rates of the LED light to understand which mode your device is in:

- Flashes slowly in blue – this means your **MEGA PLAYER 516** is in normal use.
- Flashes quickly in orange –this means **MEGA PLAYER 516** is in the **Pairing Mode**.
- Flashes quickly in blue –this means **MEGA PLAYER 516** is linked with other Bluetooth device or a phone is making.

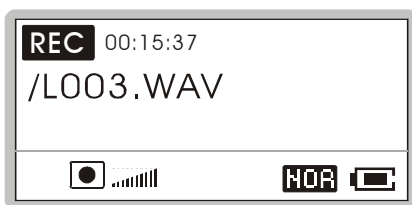
Line-in Function

The **MEGA PLAYER 516** provides a Line-in jack on the top side of device. With this jack and the supplied audio cable, you can input and record audio signal from external CD player, Tape layer, or other audio devices to the **MEGA PLAYER 516**. Follow the steps below to input and record external audio signal.



1. Press the ▶ II / ⏻ button to power on **MEGA PLAYER 516** if it is off.

2. Switch to FM mode by pressing the **FM** button for one second.
3. Plug one end of the supplied audio cable to the Audio-out jack of external audio device, and one end to the **MEGA PLAYER 516**.
4. Play the external audio device, then you can hear the audio.
5. If you want to record the audio signal, press the **REC[•]** button once.
6. After the **REC[•]** button is pressed, the audio signal from the external audio device will start to be recorded. On the display, users should see that a recording audio file is generated and placed under the [\Line-in\] folder. The recording file name sequence starts from [L001. WAV], [L002. WAV], and so forth.



7. To stop recording, press the **REC[•]** button again or press the **Menu** button.

Note: The maximum length of the recording depends on how much available memory space is left while recording.

Note: The maximum files can be stored in LINEIN category is 63.

Note: Once the Audio-in jack is plugged with an audio cable, you will only be able to hear the audio signal from external audio device when you switch to FM mode.

SD/ MMC Card Slot

At the side of **MEGA PLAYER 516**, there is an SD/ MMC slot. You can insert your Secure Digital Card and MultiMedia Card into the slot to increase the functions and memory capacity of your **MEGA PLAYER 516**.



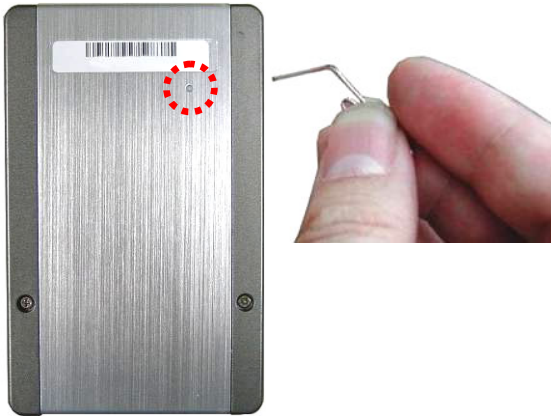
1. Press the ▶ || / ⏻ button to turn it off, if it is power on.
2. Insert your SD card or MMC card into the slot in the correct alignment.
3. Turn on **MEGA PLAYER 516**. The MP3/ WAV format files included in card will automatically be added to the device playlist. You can turn to Music or Voice playback mode to play them.
4. Connect the device to computer with a USB cable. You will see two new drives in “My Computer”: the **MEGA PLAYER 516** memory, and the SD/ MMC card slot, available when a SD/ MMC card is inserted.
5. As you insert a SD/ MMC card, the **MEGA PLAYER 516** can be seen as a card reader. You can manage files of the card by the Windows Explorer.

Note: Before inserting and removing the SD or MMC card, please **DO** turn off your **MEGA PLAYER 516**, or the device and the card might be failure!

Note: you can check the card capacity by selecting Operation Menu → **ABOUT**.

Reset Button*

The **MEGA PLAYER 516** provides a **Reset Button** on the back side of device. Please note that you only need to use this button if the device does not response for several minutes. The button is like a power down button of the device. You can turn off the device by using a reset tip, such as a straightened paper clip with diameter of 1.2mm. Once you press the reset button, the adjustments you made during last operation will be gone.



****NOTE: THIS IS AN ADVANCED OPERATION. NORMAL USERS ARE NOT RECOMMENDED TO PERFORM THIS OPERATION!***

Appendix A. Specifications

| MEGA PLAYER 516 Multi-Functional Drive | |
|---|--|
| Dimension | 54 (W) x 86(D) x 11.5 (H) mm |
| Weight | 55g (with battery) |
| Operating Temperature | 0 °C ~ 45°C |
| Storage Temperature | -20°C ~ +70 °C |
| Operating Humidity | 20% ~ 80% |
| Audio Spec | Output : 16 Ohm HP. ~ 1mW SNR: ~93dB |
| USB Flash Disk | 1. Meets USB specification revision 1.1 2. Supports OS: Windows 98SE, Windows ME, Windows 2000, Windows XP Home/ Pro, MAC OS 9 or above. (Windows 98SE needs driver installation.) |
| OLED module | Dimension: 23 (L) x 11.98 (W) mm, 128 x 64 pixels |
| Memory Size | 64/ 128 / 256 /512 MB |
| I/O Input | 1. Stereo Audio-out, 2.5mm 2. Stereo line-in, 2.5 mm 3. Type B female USB connector 4. SD / MMC card slot |
| MMC/SD Card reader | Supports SD/ MMC Memory Card. (SD CARD support SPI mode) |
| EMI and Safety | FCC Class B, CE, CB, BSMI & VCCI |
| Interface Language | Supports up to more than 10 languages which may vary from country to country. |
| Battery | Li-ion rechargeable battery (Built-in), 420 mA / 3.75V |
| Power Adapter (optional) | 100 ~240 V (vary from country to country) |

| Bluetooth Specification | |
|----------------------------|--|
| General | |
| Hardware Interface | I2C |
| Bluetooth Spec. Compliance | Ver. 1.1 |
| Operating Voltage | 3.3V |
| Operating Range | Up to 20M for open space |
| Regulatory Approval | BQB (Bluetooth Qualified) |
| Temperature | Storage temperature: -40°C ~ +105°C Operating temperature: -40°C ~ +105°C |
| Radio | |
| Spread Spectrum | Frequency Hopping Spread Spectrum (FHSS) Compliant with FCC part 15 |
| Frequency Range | 2.4 – 2.4835 GHz (2.4 GHz ISM Band) |
| RF Channels | 79-channel system for USA, Japan, and Europe (except France) 23-channel system for France |
| Modulation | GFSK, BT =0.5 |
| Output Power Class | Bluetooth Power Class 2 |
| Output Power | +2 dBm (Max.) |
| Receiver Sensitivity | Better than -80 dBm with BER < 0.1% |
| Profile | |
| Profile Support | Headset Profile |
| | Hands-Free Profile |